



October 22, 2010

Greg Gould
POWTEC, LLC
505 Northern Lights, Suite 210
Anchorage, AK 99503

RE: Kasaan Clinic Site Visit

Dear Mr. Gould,

I am submitting this letter as my field investigation report for a site visit on the proposed Kasaan Clinic property conducted on October 18, 2010. The purpose of my visit was to look at the property and assess whether or not wetlands potentially under the jurisdiction of the U.S. Army Corps of Engineers occur. Please feel free to submit this letter with your information to the U.S. Army Corps of Engineers as you seek their clearance for the proposed project.

The property subject is located at Block 10 of U.S. Survey 1896 in Section 18, Township 73S, Range 86E of the Copper River Meridian. The proposed work is to build a clinic, which will require fill estimated to have a footprint of approximately 0.17 acres (subject to change once design is complete). Figure 1 is the preliminary site plan for the proposed Kasaan Clinic property.

The total lot size is approximately 0.69 acres, and includes road right-of-way for the Kasaan-Goose Creek road. There are power poles and a fire hydrant located within the road right-of-way. Some vegetation clearing has occurred on the property, and timber slash still remains onsite. While the property is largely undeveloped, these impacts were observed during the field investigation. Photo 1 shows the subject property from the road.

There are three distinct landforms on the property. On the front side of the property closest to the road there was running water in a ditch along the roadway (Photo 2). Moving into the property, the site is low-lying, flat and has been cleared of trees. There is slash present, with shrub and herbaceous vegetation present. Standing water was observed throughout the lower lying area, and appears to be slowly draining with the gradient of the property towards the ditch alongside the Kasaan-Goose Creek Road. Heavy rains preceded this site visit, so it is unknown if standing water remains for long periods of time. The property gives rise to steeper slopes that still have intact hemlock/spruce over-story, with little to no understory. Figures 1 and 2 show the contours for the site, and Photo 3 depicts a broad overview of all three site descriptions.

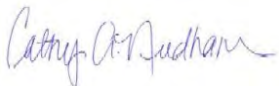
1019 EDWIN PLACE, JUNEAU, AK 99801
(907)723-4426 (P); (866)422-4462

Because the site visit was outside of the growing season, no formal wetland data according to U.S. Army Corps protocol was taken. In addition, there was no formal delineation between probable wetlands and uplands on site. In general, it appears that wetlands may be present and extend from the front side of the property to the toe of slope. Figure 2 depicts the approximate boundary where wetlands transition into uplands, based on visual observations of vegetation and topography. If the transition between wetlands and uplands proves to be the toe of slope, then there are approximately 0.26 acres of wetlands on the subject property (as depicted in Figure 2). Photo 4 shows site conditions at the toe of slope, and Photos 5 and 6 show representative vegetation communities for the lower lying flat area on site.

After visiting the site, and being familiar with previous wetland delineation work associated with the adjacent Kasaan-Goose Creek road, I would preliminary conclude that the subject property contains palustrine scrub-shrub type wetlands that would be under U.S. Army Corps of Engineers jurisdiction. This document should be sufficient in requesting a preliminary jurisdictional determination from the U.S. Army Corps of Engineers.

If you additional questions, please do not hesitate to contact me at (907)723-4426.

Sincerely,



Cathy A. Needham



Photo 1. Subject property for the proposed Kasaan Clinic, Kasaan, AK. Picture is taken from the Kasaan-Goose Creek road and shows existing impacts to the property, including electrical utility, fire hydrant, and land clearing with remaining slash.



Photo 2: Ditch along the front side of the proposed Kasaan Clinic property, Kasaan, AK. Photo taken from the Kasaan-Goose Creek road.



Photo 3. Proposed Kasaan Clinic site, showing cleared flat area and slopes with intact over-story vegetation.



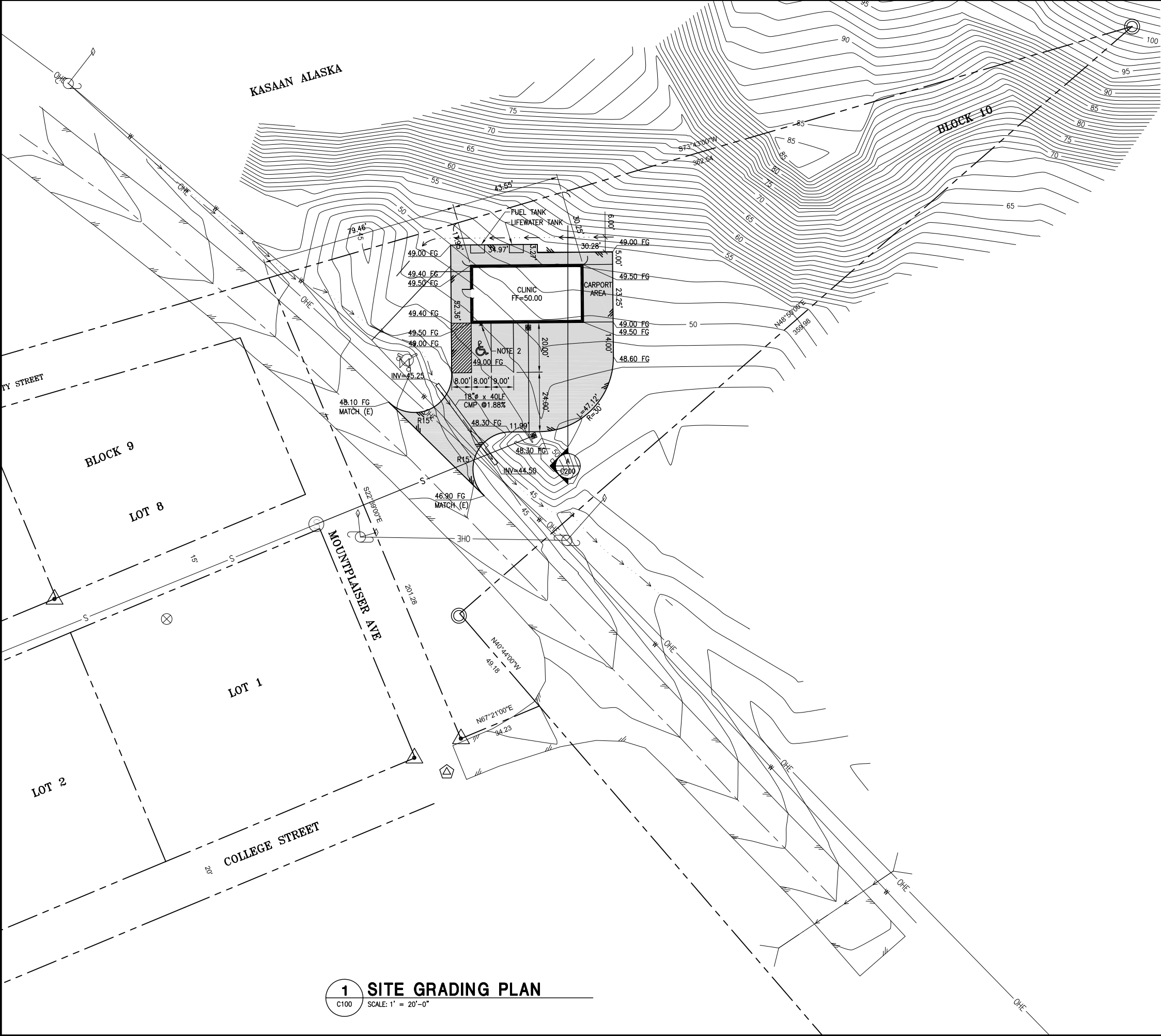
Photo 4. Toe of slope on the proposed Kasaan Clinic property, Kasaan, Alaska. The right side of the picture shows roots of large living hemlock trees with little to no ground vegetation, while the left side of the pictures shows tree sapling and some herbaceous vegetation.



Photo 5. Vegetation present in cleared flat low lying area of the proposed Kasaan Clinic Property, Kasaan, AK. Vegetation is dominated by spruce/hemlock saplings, alder saplings, *Vaccinium spp*, and *Rubus sp*.

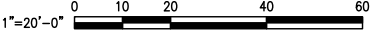


Photo 6. Wetland vegetation observed on proposed Kasaan Clinic Property, Kasaan, AK. In addition to *Rubus sp.*, there were areas of *Juncus sp.* and *Lysochiton sp.* growing in standing water.



- SHEET NOTES:**
1. ALL CONSTRUCTION SHALL BE IN CONFORMANCE WITH THE REQUIREMENTS OF THE STATE OF ALASKA DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION, 2004.
 2. STRIPING SHOWN AT PARKING STALL AND ACCESSIBLE LOADING AREA IS FOR DIMENSIONAL PURPOSES ONLY AND ARE NOT IN CONTRACT.
 3. ACCESSIBLE PARKING AND VAN ACCESSIBLE SIGNS SHALL COMPLY WITH THE CURRENT EDITION OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR R7-8 AND R7-8A.

1 SITE GRADING PLAN
C100 SCALE: 1" = 20'-0"



85% DESIGN DEVELOPMENT DOCUMENTS

Clinic Prototype

SITE GRADING PLAN

SHEET NO.

C100

McCOOL CARLSON GREEN
ARCHITECTS
1001 PHOTO AVENUE, ANCHORAGE, AK 99501
503-8174



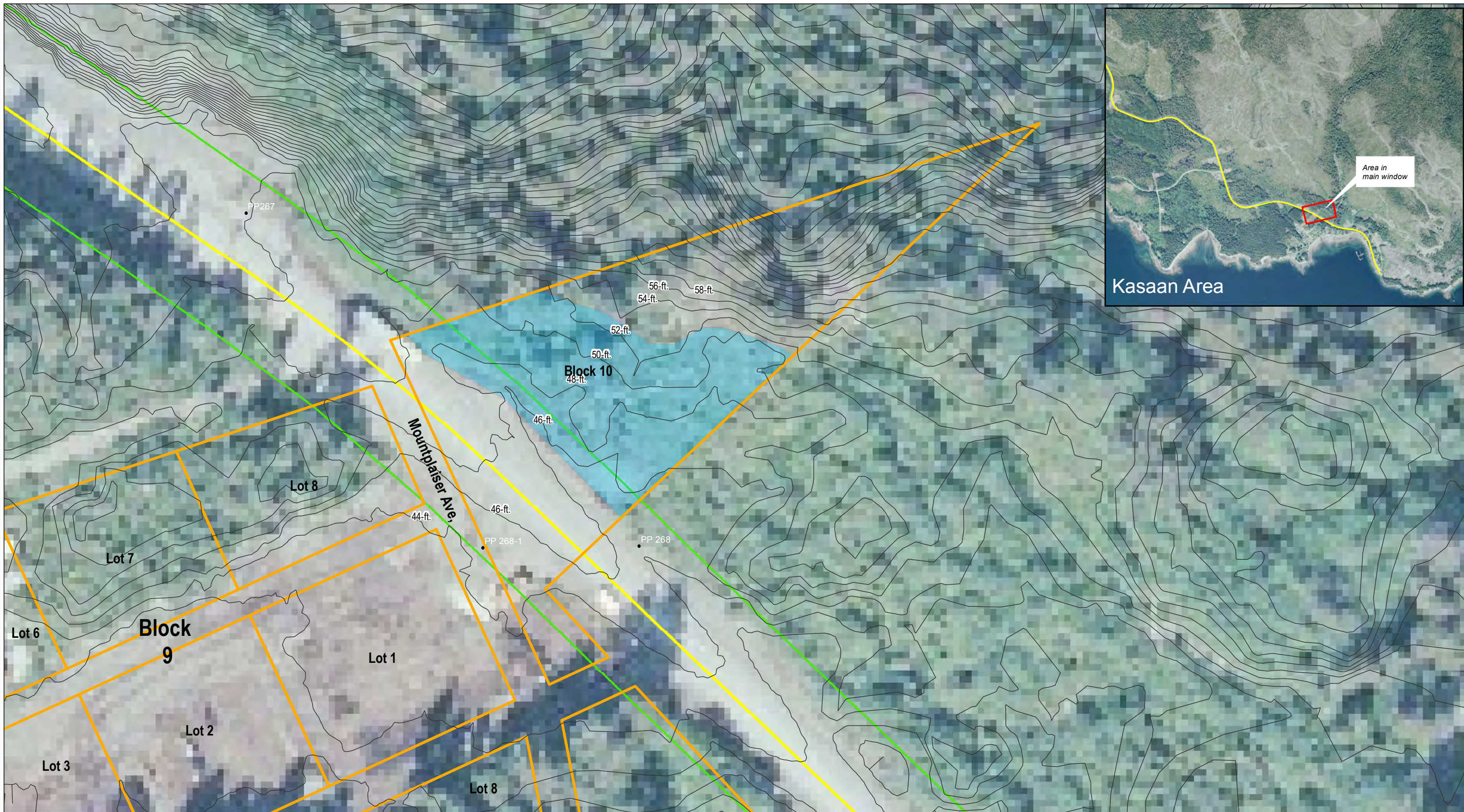
COFFMAN
ENGINEERS

800 F Street
Anchorage, Alaska 99501
907-276-6664 Fax 907-276-5942

DESIGN NO.	PROJECT NUMBER
PROJ. NAME	PROJECT NAME
DRAWN BY	PROJECT LEAD
DATE	PROJECT LEAD DATE

REVIEWED BY:

JOHN WEIR



Kasaan - Clinic Site

Background Imagery: 2006 U.S. Census Bureau (via Alaska Mapped)

Legend

- Power Poles
- Preliminary Realignment
- Parcels
- ROW (existing alignment)
- Preliminary Wetland Boundary

0 25 50 100 Feet

1 inch = 50 feet

1:600